

FIGURE 1A  
(PRIOR ART)

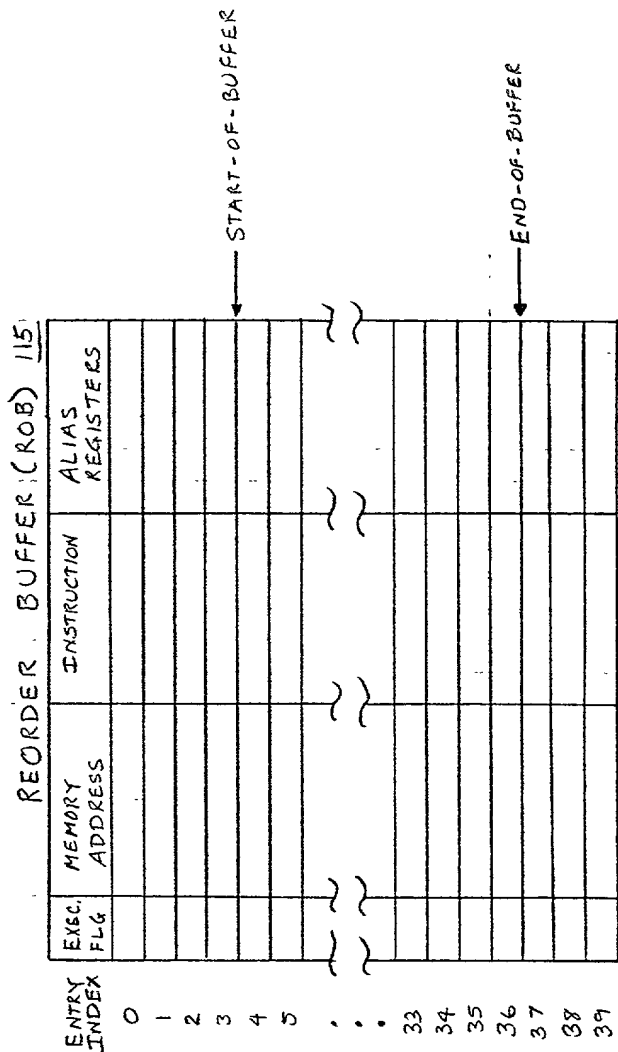


FIGURE 1B  
(PRIOR ART)

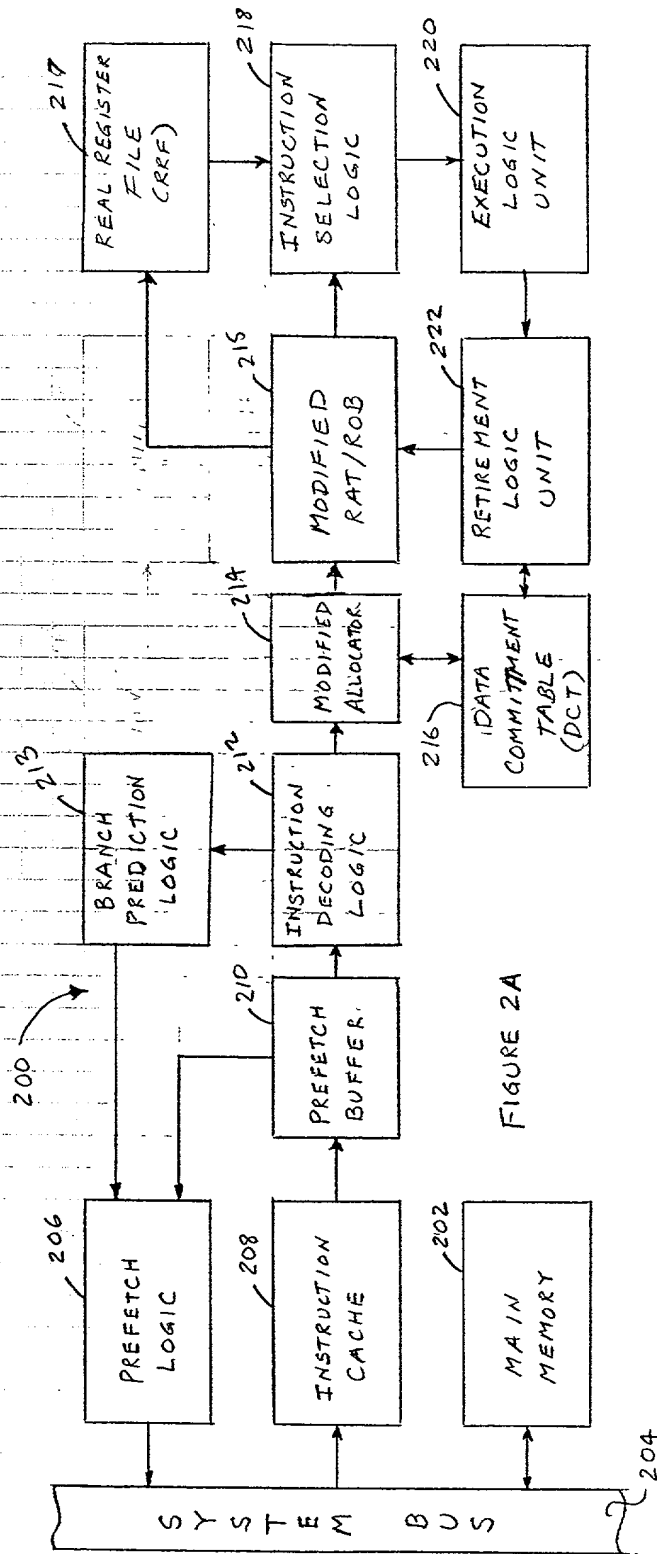


FIGURE 2A

DATA COMMITMENT TABLE 216

REAL REGISTERS	COMMITTED VALUE LOG. FILE	ROB ENTRY INDEX
EAX		
EBX		
ECX		
EDX		
ESI		
EDI		
EBP		
ESP		
TMP1		
TMP2		
...		
TMPn-3		
TMPn-2		
TMPn-1		
TMPn		

FIGURE 2C

MODIFIED REORDER BUFFER 215

ENTRY INDEX	VALID DATA	EXEC FLAG	MEMORY ADDRESS	INSTRUCTION	ALIAS REGISTERS
0					
1					
2					
3					
4					
5					
...					
33					
34					
35					
36					
37					
38					
39					

START-OF-BUFFER

END-OF-BUFFER

FIGURE 2B

